

# Converting Colors

Hex(B55E85)

Have a look what the booklet for  
Hex(B55E85) contains.

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# Color

Hex(B55E85)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B55E85
RGB	181, 94, 133
RGB Percent	71%, 37%, 52%
CMY	0.2902, 0.6314, 0.4784
CMYK	0.00, 0.48, 0.27, 0.29
HSL	333°, 37%, 54%
HSV	333°, 48%, 71%
XYZ	27.2924, 19.5226, 24.5201
YIQ	124.4590, 39.3330, 30.5730

# Conversions

## Conversions Part 2

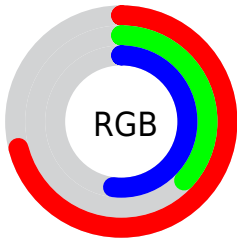
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 94, 133
Decimal	11886213
CIE <sub>Lab</sub>	51.29, 39.81, -5.66
CIE <sub>LCh</sub>	51, 40.209, 351.913
Yxy	19.5226, 0.3826, 0.2737
Android (android.graphics.Color)	4290076293 (0xFFB55E85)
YUV	124.4590, 4.2107, 49.5865
Hunter-Lab	44.1844, 32.9355, -1.9738

# Details

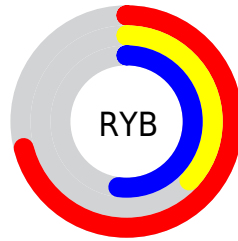
The Hex color **B55E85** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5EB58E**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **EF93BA**, and **7E2B54** is the 20% darker color. If you saturate the color by 10%, you get **B54C7B**, and if you desaturate by 10%, it is **B5708F**.

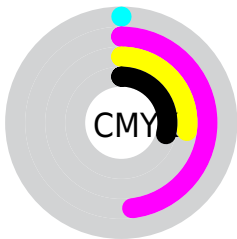
# Distribution



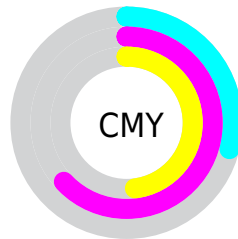
- Red (71%)
- Green (37%)
- Blue (52%)



- Red (71%)
- Yellow (37%)
- Blue (52%)



- Cyan (0%)
- Magenta (48%)
- Yellow (27%)
- Black (29%)



- Cyan (29%)
- Magenta (63%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B55E85 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color B55E85 by changing the saturation by 10% instead.



 B55E85

 B55E85

FFFFFF

 99456C

 EF93BA

 7E2B54

 FFAED6

 630F3C

 FFCAF2

 490027

 FFE6FF

 320012

 060000

 000000

 B55E85

 B55E85

 B54C7B

 B5708F

 B53A71

 B58299

 B52867

 B594A3

 B5165D

 B5A6AD

 B50353

 B5B9B7

 B50051

 B5CBC1

 B5DDCB

 B5EFD5

 B5FFDF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9C67A5



B55E85



BB5F62

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B55E85



768038



0088AF

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



B55E85



5EB58E

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



008B93



B55E85



4D874E

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B55E85



967534



008B6F



1981BE

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B55E85



B4654E



008B6F



008AA7



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



B55E85



EBCAD8



8E5EB5



75616A



F5F5F5



757575



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



B55E85



EB63A0



B5625E



595054



990045



1A000B



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B55E85



EB63A0



5EB1B5



595054



990045

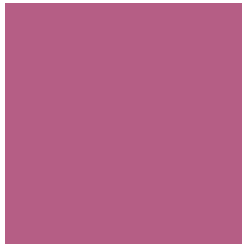


1A000B



# Previews

## White Background



This preview shows how the Hex color B55E85 looks on a white background.

## Color Contrast Check

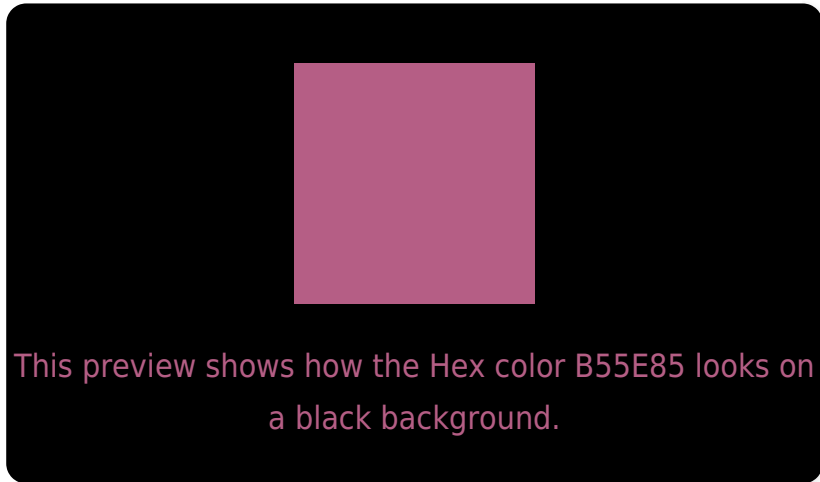
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B55E85 Background



This preview shows how black text looks on a background with the Hex color B55E85.

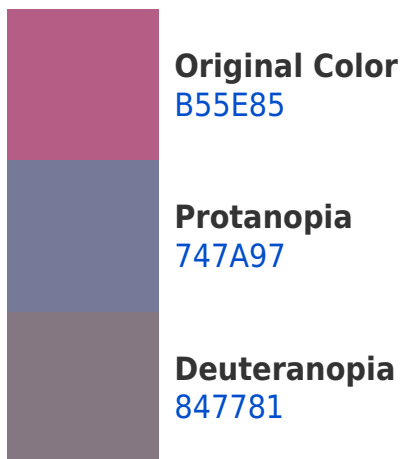



This preview shows how white text looks on a background with the Hex color B55E85.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
B2636A

# Trichromacy



**Original Color**  
B55E85

**Protanomaly**  
8C7090

**Deuteranomaly**  
966E82

**Tritanomaly**  
B36174

# Monochromacy



**Original Color**  
B55E85

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
91717F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B55E85 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #B55E85 looks like.

```
.text, #text, p{  
    color:#B55E85  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #B55E85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B55E85
}
```

## Border

The CSS property to change the border of an element to Hex B55E85 is called "border". The border property can be set on classes, ids or directly on the HTML element.

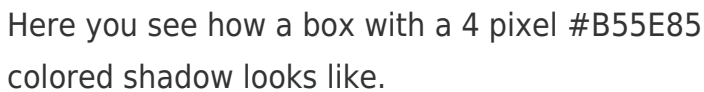
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B55E85 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#B55E85 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #B55E85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B55E85; -webkit-box-shadow:4px 4px  
4px 4px #B55E85; box-shadow:4px 4px 4px  
4px #B55E85 }
```

# Background

The CSS property to change the background color of an element to Hex B55E85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B55E85 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#B55E85 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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